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Patent

Attorney

ocket No.

028443-070

#4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Jyrki Kauppinen

Application No.: 10/529,777

Filing Date: March 30, 2005

Title: PHOTOACOUSTIC DETECTOR

Group Art Unit:

Examiner:

Confirmation No.: 5252

FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

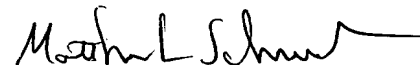
The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

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By



Matthew L. Schneider

Registration No. 32,814

Date: September 23, 2005

**Buchanan Ingersoll PC**

ATTORNEYS

Including attorneys from Burns Doane Swecker & Mathis

(8/05)

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Jyrki Kauppinen	)	Group Art Unit:
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For: PHOTOACOUSTIC DETECTOR	)	

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date September 23, 2005

By: Matthew L. Schneider

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# **FIRST** **INFORMATION DISCLOSURE** **STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number 10/529,777  
 Filing Date March 30, 2005  
 First Named Inventor Jyrki Kauppinen  
 Examiner Name  
 Attorney Docket Number 028443-070

## **U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	6,210,331	B1	Raz	04-03-2001
	4,507,170		Myhre	03-26-1985
	5,822,061		Delhay et al.	10-13-1998
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	6,474,168	B1	Meringdal	11-05-2002
	2003/0002129	A1	Kobayashi et al.	01-02-2003

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	*1 211 501	A1	Europe	06-05-2002						X	
	*03/046498	A1	WO	06-05-2003							
	*1 239 698	A1	Europe (Corresponds to US 2003/0002129, see above)	09-11-2002				X			

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	*DE PAULA, M H et al., "High-Sensitivity optical microphone for photoacoustic tics", Rev. Sci. Instrum. 63(6), June 1992, 1992 American Institute of Physics
	*DE PAULA, M H et al., "Optical microphone for photoacoustic spectroscopy", J.Appl.Phys. 64(7), October 1, 1988, 1988 American Institute of Physics

\*Copy Attached

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.